

Applicants to elect a single species for the search purpose. Accordingly, the Applicants hereby elect  $\text{TiO}_2$  as the heterogeneous catalyst for the search purpose. Applicants reserve the right to file a divisional application corresponding to the non-elected claims.

Applicants respectfully submit, however, that all of the claims in this application should be examined in this single application, and that the restriction requirement should be withdrawn.

Firstly, no objection for lack of unity was made in the Preliminary International Examination in connection with essentially the same claims that were presented in the corresponding PCT application. In examining all of the pending claims (*i.e.*, claims 1-5), the prior examiner obviously determined that there was unity of invention in that at least one special technical feature was present in all of the claims. According to the M.P.E.P., "full faith and credit should be given to the search and action of a previous examiner unless there is clear error in the previous action. . . . In general, an examiner should not take an entirely new approach or attempt to reorient the point of view of the previous examiner. . . ." (M.P.E.P. § 706.04.) Thus, the Examiner should not at this point take an entirely new approach by issuing a restriction requirement, but should give full faith and credit to the prior examination, finding unity of invention.

Additionally, Applicants would like to point out that claim 4, the only independent claim directed to the product (a reactor apparatus), includes the very same limitations as the process claims since the process claims require that the reaction is performed in the reactor as recited in claim 4.

Therefore, it is Applicants' position that, in many respects, precisely the same search is required, and that the burden on Applicants in requiring the filing of two separate applications is greater than the additional burden on the Examiner in terms of searching. Indeed, Applicants submit that no such burden would be included in the search required for claim 1 by adding claims 4-5 thereto.

In any event, having made the necessary election as required by the Examiner, it is clear that this application is certainly in condition for initiation of prosecution in the U.S. Patent and Trademark Office. Such action is therefore respectfully solicited.

If, however, for any reason to the Examiner does not believe that such action can be taken at this time, it is respectfully requested that the Examiner telephone Applicants' attorney at (908)518-6320 in order to overcome any objections thereto.

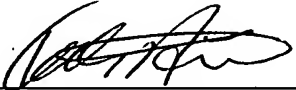
Applicants also would like to note that there has been a change of Power of Attorney. A revocation and new Power of Attorney executed by the assignee of this application, along with Statement Under 37 C.F.R. 3.73(b), was electronically filed on July 17, 2007, revoking the power of attorney to Cantor Colburn, LLP, and appointing the new power of attorney to Lerner, David, Littenberg, Krumholz and Mentlik, LLP. A copy of such documents and acknowledgment of receipt of same are attached herewith for your reference. Accordingly, Applicants respectfully request that the Patent Office accept the new Power of Attorney as soon as possible, so that the newly appointed attorneys become the attorneys of record and the correspondence in this application will be mailed to the newly appointed

attorneys.

Finally, in the event any fee is due in connection with the present response, the Examiner is authorized to charge Deposit Account No. 12-1095 therefor.

Dated: July 25, 2007

Respectfully submitted,

By 

Kelly Y. Hwang

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**Acknowledgement Receipt**

The USPTO has received your submission at **14:02:52 Eastern Time on 17-JUL-2007**.

No fees have been paid for this submission. Please remember to pay any required fees on time to prevent abandonment of your application.

**eFiled Application Information**

EFS ID	1979461
Application Number	10502435
Confirmation Number	5935
Title	Continuous method for preparing aromatic carbonate using a heterogeneous catalyst and a reaction apparatus for the same
First Named Inventor	Boo-Gon Woo
Customer Number or Correspondence Address	23413
Filed By	Robert B. Cohen/Sharon McGee
Attorney Docket Number	YOM-0102
Filing Date	09-JUN-2005
Receipt Date	17-JUL-2007
Application Type	U.S. National Stage under 35 USC 371

**Application Details**

Submitted Files	Page Count	Document Description	File Size	Warnings
LGCHEM-006-POA.pdf	2		1777879 bytes	PASS
		Document Description	Page Start	Page End
		Assignee showing of ownership per 37 CFR 3.73(b).	1	1
		Power of Attorney	2	2

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

*If you need help:*

- *Call the Patent Electronic Business Center at (866) 217-9197 (toll free) or e-mail [EBC@uspto.gov](mailto:EBC@uspto.gov) for specific questions about Patent e-Filing.*
- *Send general questions about USPTO programs to the USPTO Contact Center (UCC) .*
- *If you experience technical difficulties or problems with this application, please report them via e-mail to Electronic Business Support or call 1 800-786-9199.*

PTO/SB/80 (01-06)

Approved for use through 12/31/2008. OMB 0651-0035

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**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:



Practitioners associated with the Customer Number:

000530

OR



Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:



The address associated with Customer Number:

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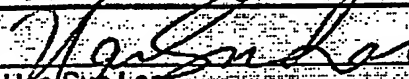
Assignee Name and Address:

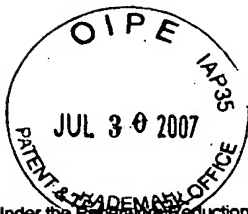
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LG Twin Towers  
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Seoul 150-721  
REPUBLIC OF KOREA

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Signature		Date	25 June 2007
Name	Han Sun Lee	Telephone	011-82-42-866-2051
Title	General Manager and Team Leader of Intellectual Property Management Team		



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PTO/SB/98 (12-05)  
Approved for use through 07/31/2008. OMB 0851-0031  
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### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: LG Chem, Ltd.

Application No./Patent

No./Control No.:

10/502,435

Filed/Issue Date:

June 9, 2005

Entitled: CONTINUOUS METHOD FOR PREPARING AROMATIC CARBONATE USING A  
HETEROGENOUS CATALYST AND A REACTION APPARATUS FOR THE SAME

LG Chem, Ltd.

(Name of Assignee)

, a

Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 019528, Frame 0377, or a true copy of the original assignment is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
Signature

July 17, 2007

Date

Kelly Y. Hwang, Esq. (Reg. No. 51,831)

Printed or Typed Name

(908) 518-6320

Telephone Number

Authorized Representative of and Counsel for Applicant

Title

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: July 17, 2007

Signature: 

(Kelly Y. Hwang)